

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Kevin Gordon Jr. )  
Application No: 10/633,177 ) Art Unit: 1734  
Filed: August 1, 2003 ) Confirmation No.: 4889  
For: SYSTEMS AND METHODS FOR ) Examiner: George R. Koch  
WELDING OF PARTS )

Certificate of Electronic Filing

I hereby certify that this paper is being filed using the EFS-Web electronic filing system on October 11, 2006.

/Stephen B. Deutsch/  
Stephen B. Deutsch

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INTRODUCTORY COMMENTS**

In response to the Office Action dated April 12, 2006, Applicants submit the following Amendment and Response.

It is not believed that extensions of time or fees for net addition of claims are required, beyond those which may otherwise be provided for in documents accompanying this paper; however, in the event that additional extensions of time are necessary, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a).

The Commissioner is hereby authorized to credit any overpayment or charge any required fees or deficiencies to Deposit Account Number **06-1448, Reference STE-02301**.

**Amendments** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.

As set forth below, please amend claim 1 to make clear that the limitation relating to the actual curve differing from the set curve at a time of comparison is mandatory.

Applicant respectfully suggests that claim 1 as amended is in condition for allowance, for the reasons set forth below, and that dependent claims 2-10 and 12-15, which depend from amended claim 1, therefore also are in condition for allowance.